



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:15 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 027 Const Calendar Day: 528 Date: 18-Feb-2011 Friday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 06:00 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 02-Mar-11 Status: Approved

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:

Diary:

Dispute

Tower Bolting

Elevation 65m:

I was witnessing torque verification of the 30mm A490M strut bolts throughout the entire shift.

The following locations were torque tested today:

- The strut side of E-North top & bottom flanges
- The strut side of A-East-Inner top & bottom flanges
- The strut side of A-East-Outer top & bottom flanges
- The web bolts on strut A-East-Inner adjacent to East shaft
- The web bolts on strut A-East-Outer adjacent to East shaft (100% tested, see note below)
- Inside the West shaft, the top & bottom flanges of strut E-North
- Inside the West shaft, the end bolts of strut E-North
- Inside the West shaft, the top & bottom flanges of strut A-West-Inner
- Inside the West shaft, the end bolts of strut A-West-Inner
- Inside the West shaft, the top & bottom flanges of strut A-West-Outer
- Inside the West shaft, the end bolts of strut A-West-Outer
- Inside the South shaft, the top & bottom flanges of strut E-South
- Inside the South shaft, the end bolts of strut E-South
- Inside the South shaft, the top & bottom flanges of strut A-West-Inner
- Inside the South shaft, the end bolts of strut A-West-Inner
- Inside the South shaft, the top & bottom flanges of strut A-West-Outer
- Inside the South shaft, the end bolts of strut A-West-Outer

Note on web bolts on strut A-East-Outer adjacent to the East shaft: This connection was tested 100%. 6 of the bolts initially failed to meet minimum torque. Also, 1 bolt had significantly more stick-out than the rest of the bolts. This bolt continued to spin prior to minimum torque. It was rejected, and showed visible necking, and the nut could not run down the threads. A replacement bolt was snugged and tensioned. After touching up the bolts noted above, all bolts achieved minimum torque.

Bolting of Splice # 1 on the West shaft was ongoing today, as well as strut bolting at Elevation 43m, and façade bolting at Elevation 38m. Sami Daouk was covering these operations. See his diary for details.

Submittal review: I continued the review of ABF-SUB-2170, the Electroslag welding plan. We received the submittal comments from TY Lin, but not yet from METS. I sent an email to several METS personnel to ask for an approximate ETA for their comments.



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name: Wright, Doug

Diary #: 027

Date: 18-Feb-2011 Friday

04-0120F4 Bid Item: 053 T-L02-STW.053 Tower Lift 02 Strut West Erect structural steel (bridge tower)

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	Lorenzo Padilla	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	EDUARDO JIMENEZ-PADILLA	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	John Chapman	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Wu	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Tan	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	Matthew Greer	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBER	8.00	0.00	0.00	8.00		<input type="checkbox"/>